

## SEQUENCE LISTING

<110> Sven Eyckerman  
Jan Tavernier  
Joël Vandekerckhove

<120> Reversed mammalian protein-protein interaction trap

<130> 2676-6264US

<140> To be assigned

<141> 2004-01-02

<150> EP01202569.8

<151> 2001-07-03

<160> 35

<170> PatentIn Ver. 2.1

<210> 1

<211> 41

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: forward  
primer; MBU-O-157; Y985F mutagenesis in mLepr

<400> 1

gagacaaccc tcagttaaatt ttgcaactct ggtcagcaac g

41

<210> 2

<211> 41

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: reverse  
primer; MBU-O-158; Y985F mutagenesis in mLepr

<400> 2

cgttgctgac cagagttgca aatttaactg agggttgtct c

41

<210> 3  
<211> 41  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: forward  
primer; MBU-O-159; Y1077F mutagenesis in mLepR

<400> 3  
gggagaagtc tgtctgtttt ctaggggtca cctccgtcaa c 41

<210> 4  
<211> 41  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: reverse  
primer; MBU-O-160; Y1077F mutagenesis in mLepR

<400> 4  
gttgacggag gtgacccta gaaaacagac agacttctcc c 41

<210> 5  
<211> 43  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: forward  
primer; MBU-O-161; Y1138F mutagenesis in mLepR

<400> 5  
ctggtgagaa ctttgtacct ttatgcccc aatttcaaac ctg 43

<210> 6  
<211> 43  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: reverse  
primer; MBU-O-162; Y1138F mutagenesis in mLepR

<400> 6  
caggtttgaa attggggcat aaaaggtaca aagttctcac cag 43

<210> 7  
<211> 35  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: forward  
primer; MBU-O-302; mSOCS3 primer

<400> 7  
gaagatctgt gcgccatggt caccacagc aagtt 35

<210> 8  
<211> 35  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: reverse  
primer; MBU-O-303; mSOCS3 primer

<400> 8  
gctctagatt ttgctcctta aagtggagca tcata 35

<210> 9  
<211> 35  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: reverse  
primer; MBU-O-443; hgp 130 primer

<400> 9  
gcgaattccg aaccgccctg aggcattgtag ccgcc 35

<210> 10  
<211> 32  
<212> DNA  
<213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: forward  
 primer; MBU-O-445; SV40 Large T primer

<400> 10  
 gcgaattcga agcagaggaa actaaacaag tg 32

<210> 11  
 <211> 55  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: reverse  
 primer; MBU-O--446; SV40 Large T primer

<400> 11  
 cgtctagagc ggccgcagat ctcgagtcgc gattatgttt caggttcagg gggag 55

<210> 12  
 <211> 31  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: forward  
 primer; MBU-O-447; mLepR primer

<400> 12  
 gcttaattaa cgggctgtat gtcattgtac c 31

<210> 13  
 <211> 63  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: reverse  
 primer; MBU-O-448; mLepR primer

<400> 13  
 cgtctagatt agcggccgct tactagtgag ctcgtcgacc cacccacagt taagtcacac 60  
 atc 63

<210> 14  
 <211> 66  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: forward  
 primer; MBU-O-586; hgp 130 primer  
  
 <400> 14  
 gacgggcccg ccaccatgga ttacaaggat gacgacgata agatctcgac cgtggtacac 60  
 agtggc 66  
  
 <210> 15  
 <211> 29  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: forward  
 primer; MBU-O-675; hEpoR intr. fragment primer  
  
 <400> 15  
 ggcgagctcg gtgctggaca aatggttgc 29  
  
 <210> 16  
 <211> 32  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: reverse  
 primer; MBU-O-676; hEpoR intr. fragment primer  
  
 <400> 16  
 cgctctagat tacttttaggt ggggtgggggt ag 32  
  
 <210> 17  
 <211> 29  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: forward  
 primer; MBU-O-677; mCIS primer

<400> 17  
gcggaattcg tcctctgcgt acagggatc 29

<210> 18  
<211> 30  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: reverse  
primer; MBU-O-678; mCIS primer

<400> 18  
gcctctagat cagagttgga aggggtactg 30

<210> 19  
<211> 37  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: forward  
primer; MBU-O-837; mSOCS3 primer

<400> 19  
gcgagatctc agaattcgtc acccacagca agtttcc 37

<210> 20  
<211> 36  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: primer;  
MBU-O-1001; mutagenesis BspEI CIS

<400> 20  
ctcctacctt cggaatccg gatggtactg gggttc 36

<210> 21  
<211> 36  
<212> DNA  
<213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: primer;  
 MBU-O-1002; mutagenesis BSpEI CIS

<400> 21  
 gaaccccagt accatccgga ttcccgaagg taggag 36

<210> 22  
 <211> 37  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: primer;  
 MBU-O-1003; mutagenesis XhoI CIS

<400> 22  
 cagccctttg tgcgccgctc gagtgcccg c agcttac 37

<210> 23  
 <211> 37  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: primer;  
 MBU-O-1004; mutagenesis XhoI CIS

<400> 23  
 gtaagctg c ggcactcgag cggcgca caa agggctg 37

<210> 24  
 <211> 36  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: primer;  
 MBU-O-1005; mutagenesis BspEI SOCS3

<400> 24  
 cgcaagctgc aggagtccgg attctactgg agtgcc 36

<210> 25  
 <211> 36  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: primer;  
 MBU-O-1006; mutagenesis BspEI SOCS3  
  
 <400> 25  
 ggcaactccag tagaatccgg actcctgcag cttgcg 36  
  
 <210> 26  
 <211> 34  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: primer;  
 MBU-O-1007; mutagenesis XhoI SOCS3  
  
 <400> 26  
 gagccgacct ctctcgagca acgtggctac cctc 34  
  
 <210> 27  
 <211> 34  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: primer;  
 MBU-O-1008; mutagenesis XhoI SOCS3  
  
 <400> 27  
 gagggtagcc acgttgctcg agagaggctcg gctc 34  
  
 <210> 28  
 <211> 38  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: MBU-O-1250,  
 forward primer FKBP12 full size



<400> 28  
gcgagatctc tgaattcgga gtgcaggtgg aaaccatc 38

<210> 29  
<211> 40  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: MBU-O-1251,  
reverse primer FKBP12 full size

<400> 29  
cgctctagat tatgcggccg cttccagttt tagaagctcc 40

<210> 30  
<211> 29  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: MBU-O-1261,  
forward primer ALK4 cytoplasmic domain

<400> 30  
gcgagagctc aaactatcac cagcgtgtc 29

<210> 31  
<211> 34  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: MBU-O-1262,  
reverse primer ALK4 cytoplasmic domain

<400> 31  
cgctgcggcc gcttaaattct tcacatcttc ctgc 34

<210> 32  
<211> 29  
<212> DNA  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: MBU-O--1465,  
forward primer PTP-1B phosphatase domain

<400> 32

gcgggatacct tatggagatg gaaaaggag

29

<210> 33

<211> 57

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: MBU-O-1466,  
reverse primer PTP-1B phosphatase domain

<400> 33

cgctgaattc acttccacca gaccaccag agcctccctc gtgggaaagc tccttcc

57

<210> 34

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: flag-tag sequence

<400> 34

Met Asp Tyr Lys Asp Asp Asp Lys Ile  
5 10

<210> 35

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: FLAG tag sequence

<400> 35

Met Asp Tyr Lys Asp Asp Asp Lys  
5